

Gibco growth factors for neuronal research

Our high-quality Gibco™ growth factors offer:

- High biological activity
- High purity (≥95% pure)
- <0.1 ng endotoxin per microgram
- Proven compatibility—validated with Gibco™ media

Glial-derived neurotrophic factor (GDNF)

Mainly known for its effect on neurons, GDNF is also involved in other biological processes, including kidney morphogenesis.

Fibroblast growth factor–basic (bFGF, FGF-basic, FGF 2)

This large FGF protein family is involved in many aspects of development, including cell proliferation, growth, and differentiation. FGF-basic is a critical component for maintaining embryonic stem cells in culture in an undifferentiated state.

Epidermal growth factor (EGF)

EGF has a profound effect on the differentiation of specific cells *in vivo* and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin.

Vascular endothelial cell growth factor (VEGF)

VEGF exerts angiogenic, mitogenic, and vascular permeability–enhancing activities specific for endothelial cells; it has also been shown to be chemotactic for monocytes and osteoblasts.

Brain-derived neurotrophic factor (BDNF)

BDNF is a neurotrophic factor involved in the survival and differentiation of neurons in the central and peripheral nervous system.

Ciliary neurotrophic factor (CNTF)

CNTF is a cytokine involved in neuronal degeneration and adipocyte gene expression.

Ordering information

Product	Size	Cat. No.
BDNF	10 µg	PHC7074
bFGF	10 µg	13256029
CTNF	20 µg	PHC7015
EGF	1 mg	PHG0313
GDNF	10 µg	PHC7045
VEGF	100 µg	PHC9391

For more information about Gibco growth factors, go to thermofisher.com/growthfactors

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